

joints of the palpi are short, the latter, which is the stronger, projecting a pointed apophysis from its extremity, in front; the digital joint is somewhat oval, with a lobe near the middle of the outer side; it is convex and hairy externally, concave within, comprising the palpal organs, which are highly developed, prominent, complicated in structure, with a long, black, filiform, convoluted spine, enveloped in a delicate membrane, extending from the upper part beyond their extremity; they are of a red-brown colour. Abdomen oviform, convex above, projecting over the base of the cephalo-thorax; it is thinly covered with hairs, glossy, and brownish black. Plates of the spiracles yellow.

My son, John Blackwall, discovered an adult male of this species, which is nearly allied to the spiders constituting the genus *Walckenaëra*, on the steps at Oakland in June 1841.

6. *Neriëne avida*. Oculis seriei anterioris intermediis minimis; cephalo-thorace, mandibulis, maxillis, labio, sternoque brunneis, pedibus palpisque pallidioribus; mandibulis, maxillis et labii apice paululum rufo-tinctis; abdomine fusco-nigro; pedum pari 1^{mo} et 4^{to} longissimis, æqualibus, 3^{to} brevissimo.

Colore pedumque longitudine mas fœminam refert; cephalo-thoracis pars anterior gibbosior, et pone oculos duabus lateralibus parva fovea.

Length of the female $\frac{1}{12}$ th of an inch; length of the cephalo-thorax $\frac{1}{24}$; breadth $\frac{1}{32}$; breadth of the abdomen $\frac{1}{24}$; length of an anterior leg $\frac{1}{9}$; length of a leg of the third pair $\frac{1}{12}$.

Legs and palpi provided with hairs; first and fourth pairs of legs the longest, and equal in length, third pair the shortest: cephalo-thorax oval, glossy, convex, with a small indentation in the medial line of the posterior region: mandibles powerful, conical, rather divergent at the extremities, armed with teeth on the inner surface, and inclined towards the sternum, which is broad and heart-shaped: maxillæ strong, enlarged where the palpi are inserted, and inclined towards the lip, which is semi-circular and prominent at the extremity: these parts are brown, the legs and palpi, which are the palest, the mandibles, maxillæ, and tip of the lip having a tinge of red. Anterior eyes of the trapezoid the smallest of the eight; eyes of each lateral pair seated on a prominence and almost contiguous. Abdomen oviform, convex above, projecting over the base of the cephalo-thorax; it is thinly covered with hairs, glossy, and brownish black. Plates of the spiracles yellowish brown.

The male is rather smaller than the female, but it resembles her in colour and in the relative length of its legs. The anterior part of the cephalo-thorax is more gibbous, and immediately behind each lateral pair of eyes there is a small indentation. The